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ATTORNEY DOCKET NO. 2001180-0075 (HU1917-01 CIP)  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Schreiber, *et al.* Examiner: TBA  
Serial No.: 10/621,276 Art Unit: 1624  
Filing Date: July 17, 2003  
Title: DIOXANES AND USES THEREOF

Commissioner For Patents  
P. O. Box 1450  
Alexandria, VA 22313

Sir: (

**ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION**  
**(37 CFR § 3.73(b))**

The inventors of the above-referenced United States patent application have assigned their entire right, title, and interest in the inventions disclosed therein according to the following table:

| Inventor               | Assignee                                 |
|------------------------|------------------------------------------|
| Stuart L. Schreiber    | Howard Hughes Medical Institute          |
| Scott M. Sternson      | President and Fellows of Harvard College |
| Jason C. Wong          | President and Fellows of Harvard College |
| Christina M. Grozinger | President and Fellows of Harvard College |
| Stephen J. Haggarty    | President and Fellows of Harvard College |
| Kathryn M. Koeller     | President and Fellows of Harvard College |

In addition, Stuart L. Schreiber, as Agent for Howard Hughes Medical Institute (HHMI), has assigned HHMI's entire right, title, and interest in the inventions disclosed therein to President and Fellows of Harvard College.

Thus, the Assignee of the inventors' entire right, title, and interest is:

**President and Fellows of Harvard College**

According to 37 CFR § 3.73(b), the Assignee is entitled to take action relating to the application in the Patent and Trademark Office if the Assignee establishes ownership to the satisfaction of the Commissioner.

Ownership by the assignee is established as follows:

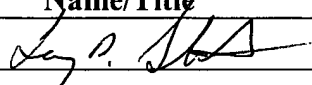
\_\_\_\_\_ documents already recorded in the PTO on \_\_\_\_\_.

Reel \_\_\_\_\_ Frame \_\_\_\_\_; and

  X   documents separately submitted for recordal to the PTO (a copy of these documents is attached).

**STATEMENT**

I, person(s) authorized to sign on behalf of the Assignee, have reviewed the evidentiary documents referred to above and certify that, to the best of my knowledge and belief, title is mine/ours as Assignee who seeks to take further action.

| Name/Title                                                                                                                                                                                | Assignee                                 | Date                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------|
| Signature: <u></u><br>Name: <u>Larry R. Steranka</u><br>Title: <u>Associate Director for Licensing</u> | President and Fellows of Harvard College | <u>Oct 27, 2003</u> |

## ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned **Stuart L. Schreiber**, hereby

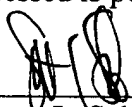
Sells, assigns and transfers to the **Howard Hughes Medical Institute**, having a place of business at **4000 Jones Bridge Road, Chevy Chase, MD 20815-6789**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed **July 17, 2003**, entitled **"DIOXANES AND USES THEREOF"**, and given serial number **10/621,276**, in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said ASSIGNEE, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said ASSIGNEE all facts known to him relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

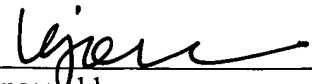
Hereby requests the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him, and that full right to convey the same as herein expressed is possessed by him.

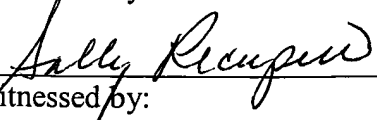
Dated: 10-17-03

  
Stuart L. Schreiber

Dated: 10/22/03

  
Witnessed by:

Dated: 10/22/03

  
Witnessed by:

## ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned **Scott M. Sternson** of New York, New York; **Jason C. Wong** of Cambridge, Massachusetts; **Christine A. Grozinger** of Champagne, Illinois; **Stephen J. Haggarty** of Somerville, Massachusetts; and **Kathryn M. Koeller** of Seattle, Washington, hereby

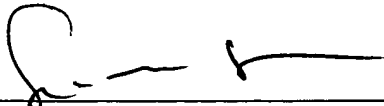
Sells, assigns and transfers to the **President and Fellows of Harvard College**, having a place of business at **17 Quincy Street, Cambridge, MA 02138**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, HHMI's entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed **July 17, 2003**, entitled "**DIOXANES AND USES THEREOF**", and given serial number **10/621,276**, in and to said application and all divisional, continuing, substitute, renewal, reissue reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful oaths, assignments, powers of attorney and other papers; by communicating to said ASSIGNEE all facts known to him/her relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

Hereby requests the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

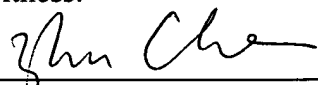
Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him/her, and that full right to convey the same as herein expressed is possessed by him/her.

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
\_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

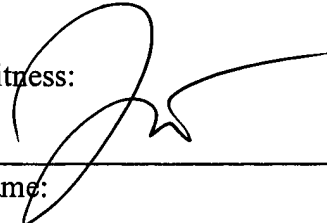
  
Name: **Scott M. Sternson**

10/14/03

Witness:

  
Name: \_\_\_\_\_ 10/14/03

Witness:

  
Name: \_\_\_\_\_ 10/14/03

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
\_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Name: **Jason C. Wong**

Witness:

\_\_\_\_\_  
Name:

Witness:

\_\_\_\_\_  
Name:

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
\_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Name: **Scott M. Sternson**

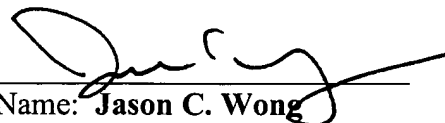
Witness:

\_\_\_\_\_  
Name:

Witness:

\_\_\_\_\_  
Name:

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge,  
MA this 22 day of October, 2003.

  
Name: **Jason C. Wong**

Witness:

Upin  
Name:

**JOHN L. RANDAZZO**  
**NOTARY PUBLIC**  
My Commission Expires April 30, 2010



Witness:

Sally Recupero  
Name:

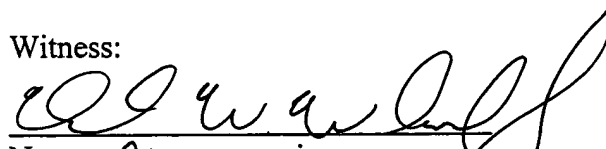
IN WITNESS WHEREOF, I hereto set my hand and seal at Urbana,  
Illinois this 6 day of October, 2003.

  
Name: **Christina M. Grozinger**

Witness:

  
Name: **Andrew Barron**

Witness:

  
Name: **Charles Whitfield**

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
\_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Name: **Stephen J. Haggarty**

Witness:

\_\_\_\_\_  
Name:

Witness:

\_\_\_\_\_  
Name:

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
\_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
Name: Christina M. Grozinger

Witness:

\_\_\_\_\_  
Name:

Witness:

\_\_\_\_\_  
Name:

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge,  
MA this 22 day of October, 2003.

Stephen Haggarty  
Name: Stephen J. Haggarty

Witness:

Ujir  
Name:

Witness:

Sally Plouffe  
Name:



IN WITNESS WHEREOF, I hereto set my hand and seal at SEATTLE,  
Washington this 1<sup>st</sup> day of October, 2003.

  
Name: **Kathryn M. Koeller**

Witness: Fredrick Michael Lorenz  
FREDERICK MICHAEL LORENZ  
Name:

Witness: F M L  
FREDERICK MATTHIAS LORENZ  
Name: